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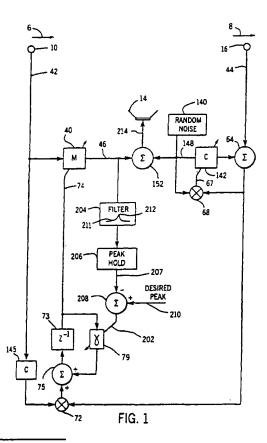
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(54) Frequency selective active adaptive control system

(57) An active adaptive control system and method has frequency dependent filtering with a transfer characteristic which is a function of a frequency dependent shaped power limitation characteristic maximizing usage of available output transducer authority. Band separation is provided for different tones. Power limit partitioning is provided for effectively distributing power between correction tones to maximize model performance.



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EUROPEAN SEARCH REPORT

Application Number EP 96 30 8088

Category	Citation of document with inc of relevant passa		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.6)
A	EP 0 581 565 A (NELS 2 February 1994 * abstract * * column 1, line 38		1,10,73	G10K11/178
A	EP 0 568 129 A (GEN 3 November 1993 * abstract * * page 4, line 2 - 1 * page 13, line 37 -	ine 22 *	1,10,73	
A,D	US 4 677 676 A (ERIK 30 June 1987 * the whole document			
				TECHNICAL FIELDS SEARCHED (Int.Cl.6)
				G10K
	The present search report has be	en drawn up for all claims		
Place of search THE HAGUE		Date of completion of the search 6 November 1998	Cart	Examiner tagné, O
X : partic Y : partic docu	ITE INDUC ITEGORY OF CITED DOCUMENTS cularly relevant if taken elone cularly relevant if combined with anothe man of the same category sological background	T : theory or principle E : earlier patent doc after the filing date D : document cited in L : document cited in	uncerlying the in ument, but public the application r other reasons	nvention